

INFORMATION DISCLOSURE CITATION

Atty. Docker No.	2860.0057 64	Appln. No. 10/611,920
Applicant	Norikazu ARAI et al.	
Filing Date	July 3, 2003	Group: 2655 2627

u.s. Patent documents							
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate	
КC	6,363,046	March, 2000	Yoo et al.		/		
KC	6,337,841	January, 2002	Kim et al.		7		
KC	6,154,443	November, 2000	Hoshino et al				
KC	6,084,843	July, 2000	Hayashi et al.				
KC	5,903,536	May, 1999	Lee et al.				
KC	5,889,748	March, 1999	Shimano et al.				
KC	5,696,750	December, 1997	Katayama, Ryuichi				
KC	5,777,803	July, 1998	Ju et al.				
KC	6,192,021	February, 2001	Saito et al.	1			

Document Number	Publication Date	Country	Class	Sub	Translation
	t i			Class	Yes or No
					
			1		
			 		
			 		

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
KC	Preliminary Amendment for U.S. Patent Application No. 09/791,889, filed February 26, 2001.					
KC	Preliminary Amendment for U.S. Patent Application No. 10/612,019, filed July 3, 2003.					
KC	Preliminary Amendment for U.S. Patent Application No. 10/612,056, filed July 3, 2003.					
KC	Preliminary Amendment for U.S. Patent Application No. 10/612,168, filed July 3, 2003.					
KC	Preliminary Amendment for U.S. Patent Application No. 10/743,110, filed December 23, 2003.					
Examiner	/Kim Kwok Chu/ (06/08/2006) Date Considered 06/08/2006					
*Examiner:	nitial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Includ copy of this form with n xt communication to applicant.					
Form PTO 1449	Patent and Trademark Offic - U.S. Department of Commerce					

!	2	0	PEVO			
IDS Form PTO/S	B/08: Substitute for for	m 1449A/PTQ	0 7 2005	C	omplete if Known	- · · · · · · · · · · · · · · · · · · ·
				Application Number	10/611,920	
INF	ORMATION DATEMENT BY	uschosu	RF 🗳	Filing Date	July 3, 2003	
STA	TEMENT DV	ADDITO	NIT. P	First Named Inventor	Norikazu ARAI et al.	
314	VIEWENI DI	APPLRON	DEMBL	Art Unit	2655	2627
	(Use as many sheets	as necessary)		Examiner Name	Not Yet Assigned CHU	
Sheet	1	of	1	Attorney Docket Number	02860.0637-04000	

	U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS							
Examiner Cite	Document Number	Issue or	Name of Patentee or	Pages, Columns, Lines, Where				
Initials	Initials No.1	Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
KC		US-5,777,970	07-07-1998	Kajiyama et al.				
KC		US-5,917,791	06-29-1999	Tsuchiya et al.				
KC		US-5,936,782	08-10-1999	Nomura et al.				
KC		US-6,023,449	02-08-2000	Chung				
KC		US-6,043,.935	03-28-2000	Lee				
KC		US-6,154,433	11-28-2000	Hoshino et al.				
KC		US-6,191,889	02-20-2001	Maruyama				
KC		US-6,324,150	11-27-2001	Ju				
KC		US-6,442,124	08-27-2002	Chung et al.				
		US-						
		US-	1					

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶		
KC		JP 10-092010	04-10-1998	Cho et al.		Abstract		

-	NON PATENT LITERATURE DOCUMENTS						
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
							
	-						

Examiner Signature	/Kim Kwok Chu/ (06/08/2006)	Date Considered	06/08/2006

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	2860.0637-04	Appln. No. 10/611,920
Applicant	Norikazu ARAI tal.	
Filing Date	Herewith July 3, 2003	Group: 2627

U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Dat If Appropriate	
KC	6,118,594	Sept. 12, 2000	Maruyama		1		
KC	6,088,322	Jul. 11, 2000	Broome et al.				
KC	5,717,674	Feb. 10, 1998	Mori et al.				
KC	5,703,856	Dec. 30, 1997	Hayashi et al.				
KC	5,696,749	Dec. 9, 1997	Brazas, Jr. et al.			1	
KC	5,526,338	Jun. 11, 1996	Hasman et al.				
KC	5,349,471	Sept. 20, 1994	Morris et al.	1		/	

	FOREIGN PATENT DOCUMENTS								
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No			
KC	2-183453	Jul. 18, 1990	Japan		/	Yes (abstract only)			
KC	0881634	May 28, 1998	Europe						
KC	DE19929623 A1	Dec. 30, 1999	Germany			No			
KC	WO 00/00964	Jan. 6, 2000	PCT		7				
KC	0747893A2	Dec. 11, 1996	Europe						
KC	0828244A2	Mar. 11, 1998	Europe						
KC	6-242373	Sept. 2, 1994	Japan			No			
KC	8-55363	Feb. 27, 1996	Japan			No			
KC_	9-54973	Feb. 25, 1997	Japan			No			
KC	286954	Nov. 4, 1997	Japan			No			
KC	10-283668	Oct. 23, 1998	Japan	1		No			

		отн	ER DOCU	MENTS (including /	Author, Title, Date, Pertinen	t Pages, Etc.)
KC		The partial	European	Search Report unde	er Rule 45 EPC dated Dec. 2,	2001.
	KC	European	Search Rep	oort, dated January	2, 2002	
Examiner	/Kim	Kwok	Chu/	(06/08/20	0 6 Pate Considered	06/08/2006
*Examiner:					ation is in conformance with N of this form with next commu	MPEP 609; draw line through citation if not in nication to applicant.
Form PTO 14	149			Р	atent and Trademark O	ffice - U.S. Department of Commerce

(T)	TIDE Sorm PTO/S	B/08: Substitute for for	m 1449A/PTO	и	, c		
DIDSTORM PTO/SB/08: Substitute for form 1449A/PTO					Application Number	10/611,920	
HINFORMATION DISCLOSURE					Filing Date	July 3, 2003	
MAY 1 2006 STATEMENT BY APPLICANT					First Named Inventor	Norikazu ARAI et al.	
1 . J. com SINIEMEN DI VLL PIONILI				AIN I	Art Unit	2655 2627	
(a	<i>\$</i> /	(Use as many sheets	as necessary)		Examiner Name	Not Yet Assigned	CHU
Con.	- Debeet	1	of	1	Attorney Docket Number	02860.0637-04000	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS						
Examiner Initlals	Cite No.1	Document Number Number-Kind Code ² (# known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
KC		US-6,950,384	09-2005	Arai et al.		
KC		US-6,834,036	12-2004	Shiono et al.		
KC		US-6,222,812	04-2001	Yoo et al.		

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶		
KC		EP 0 789 355 A1	08-13-1997	Tachibana et al.	1			
KC		EP 0 836 178 A1	04-15-1998	Komma et al.				
KC		JP 09-073654	03-18-1997	Katayama		Abstract		
KC		EP 0 774 751 A2	05-21-1997	Akiyama	-			
KC		WO 97/08691	03-06-1997	Lee et al.				
KC		EP 1 109 164 A2	06-05-1996	Katayama				
KC		EP 0 991 062 A1	04-05-2000	Ando et al.				
KC		EP 0 936 604 A1	08-18-1999	Kajiyama et al.	1			

	NON PATENT LITERATURE DOCUMENTS				
Examiner Cite Include name of the Initials No.1 (book, magazin		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶		

Examiner Signature	/Kim Kwok Chu/ (06/08/2006)	Date Considered	06/08/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.